



Docket No.: 2264-0315-0X



COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

ATTORNEYS AT LAW

RE: Application Serial No.: 09/523,179

Applicants: Laura ZANIBELLI, et al.

Filing Date: March 10, 2000

For: CATALYTIC COMPOSITON FOR THE
UPGRADING OF HYDROCARBON MIXTURES

Group Art Unit: 1725

Examiner: JOHNSON, C.A.

SIR:

Attached hereto for filing are the following papers:

Request for Certificate of Correction

Certificate of Correction (in duplicate)

Our check in the amount of **\$0.00** is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Norman F. Oblon

Roland E. Martin

Registration No. 48,082

*Certificate
DEC 02 2005
of Correction*

Customer Number

22850

(703) 413-3000 (phone)
(703) 413-2220 (fax)

DOCKET NO.: 2264-0315-0X



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PATENT OF: Laura ZANIBELLI, et al.

PATENT NO.: 6,803,337

GROUP: 1725

ISSUED: October 12, 2004

EXAMINER: JOHNSON, C.A.

FOR: CATALYTIC COMPOSITION FOR THE UPGRADING OF
HYDROCARBON MIXTURES

REQUEST FOR CERTIFICATE OF CORRECTION

COMMISSIONER FOR PATENTS
ALEXANDRIA, VA 22313-1450

SIR:

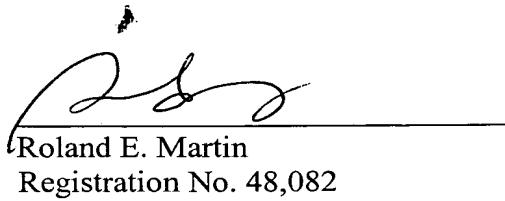
The following is a request for a Certificate of Correction in Serial Number 09/523,179, now Patent No. 6,803,337.

In accordance with the provisions of Rule 322 of the Rules of Practice, which implements 35 U.S.C. §254, the U.S. Patent and Trademark Office is respectfully requested to issue a Certificate of Correction in the above-identified patent.

In light of the fact that the errors were the fault of the U.S. Patent and Trademark Office, no fees are required. The requested corrections are attached on FORM PTO 1050.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.
Norman F. Oblon



Roland E. Martin
Registration No. 48,082

Customer Number
22850

TEL: (703) 413-3000
FAX: (703) 413-2220
(OSMMN 08/03)

DEC - 5 2005

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,803,337
DATED: October 12, 2004
INVENTOR(S): Laura ZANIBELLI, et al.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 9, Claim 1 should read:

A catalytic composition having a surface area $\geq 380 \text{ m}^2/\text{g}$ and a pore volume $\geq 1.10 \text{ cm}^3/\text{g}$ consisting of:
one or more oxides as a carrier and
a catalyst consisting of a beta zeolite, cobalt, a metal of Group VI B wherein said zeolite is present in a quantity ranging from 70 to 90% by weight, the weight percentage of cobalt varies from 1 to 10% with respect to the total weight of the catalyst, the weight percentage of the metal of Group VI B varies from 4 to 20% with respect to the total weight of the catalytic composition, and wherein cobalt and the metal of Group VI B are present in a molar ratio not greater than 2.

Column 11, Claim 22 should read:

The process of Claim 21, wherein the catalyst has a surface area of $\geq 380 \text{ m}^2/\text{g}$ and a pore volume $\geq 1.10 \text{ cm}^3/\text{g}$.

Column 13, Claim 38 should read:

The process of claim 37, wherein the catalyst has a surface area $\geq 380 \text{ m}^2/\text{g}$ and a pore volume $\geq 1.10 \text{ cm}^3/\text{g}$.

Mailing address of sender:

Patent No. 6,803,337

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 03/02)

No. of add'l copies
@ .30 per page



Page 1 of 2

DEC 5 2005

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,803,337
DATED: October 12, 2004
INVENTOR(S): Laura ZANIBELLI, et al.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 13, Claim 39 should read:

A catalytic composition having a surface area $\geq 380 \text{ m}^2/\text{g}$ and a pore volume $\geq 1.10 \text{ cm}^3/\text{g}$ consisting of
one or more oxides as a carrier and
a catalyst consisting of a beta zeolite, cobalt, a metal of Group VI B wherein said zeolite is present in a quantity ranging from 70 to 90% by weight, the weight percentage of cobalt varies from 1 to 10% with respect to the total weight of the catalyst, the weight percentage of the metal of Group VI B varies from 4 to 20% with respect to the total weight of the catalytic composition, and wherein cobalt and the metal of Group VI B are present in a molar ratio not greater than 2, prepared with a process consisting of the following steps:
a) an alcoholic dispersion is prepared, containing a soluble salt of cobalt, beta zeolite and one or more organic compounds capable of generating the supporting oxide or oxides;
b) an aqueous solution is prepared containing a soluble salt of the metal of group VI B and, optionally, tetraalkylammonium hydroxide having the formula R₄NOH;
c) the alcoholic dispersion and the aqueous dispersion are mixed and a gel is obtained;
d) ageing the gel at a temperature ranging from 10 to 40°C;
e) drying the gel; and
f) calcinating the gel.

Mailing address of sender:

Patent No. 6,803,337

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220

No. of add'l copies
@ .30 per page



Page 2 of 2

DEC 5 2005

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,803,337
DATED: October 12, 2004
INVENTOR(S): Laura ZANIBELLI, et al.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 9, Claim 1 should read:

A catalytic composition having a surface area $\geq 380 \text{ m}^2/\text{g}$ and a pore volume $\geq 1.10 \text{ cm}^3/\text{g}$ consisting of:
one or more oxides as a carrier and
a catalyst consisting of a beta zeolite, cobalt, a metal of Group VI B wherein said zeolite is present in a quantity ranging from 70 to 90% by weight, the weight percentage of cobalt varies from 1 to 10% with respect to the total weight of the catalyst, the weight percentage of the metal of Group VI B varies from 4 to 20% with respect to the total weight of the catalytic composition, and wherein cobalt and the metal of Group VI B are present in a molar ratio not greater than 2.

Column 11, Claim 22 should read:

The process of Claim 21, wherein the catalyst has a surface area of $\geq 380 \text{ m}^2/\text{g}$ and a pore volume $\geq 1.10 \text{ cm}^3/\text{g}$.

Column 13, Claim 38 should read:

The process of claim 37, wherein the catalyst has a surface area $\geq 380 \text{ m}^2/\text{g}$ and a pore volume $\geq 1.10 \text{ cm}^3/\text{g}$.

Mailing address of sender:

Patent No. 6,803,337

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 03/02)

No. of add'l copies
@ .30 per page



Page 1 of 2

DEC 5 2005

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,803,337

DATED: October 12, 2004

INVENTOR(S): Laura ZANIBELLI, et al.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 13, Claim 39 should read:

A catalytic composition having a surface area $\geq 380 \text{ m}^2/\text{g}$ and a pore volume $\geq 1.10 \text{ cm}^3/\text{g}$ consisting of
one or more oxides as a carrier and
a catalyst consisting of a beta zeolite, cobalt, a metal of Group VI B wherein said zeolite is present in a quantity ranging from 70 to 90% by weight, the weight percentage of cobalt varies from 1 to 10% with respect to the total weight of the catalyst, the weight percentage of the metal of Group VI B varies from 4 to 20% with respect to the total weight of the catalytic composition, and wherein cobalt and the metal of Group VI B are present in a molar ratio not greater than 2, prepared with a process consisting of the following steps:
a) an alcoholic dispersion is prepared, containing a soluble salt of cobalt, beta zeolite and one or more organic compounds capable of generating the supporting oxide or oxides;
b) an aqueous solution is prepared containing a soluble salt of the metal of group VI B and, optionally, tetraalkylammonium hydroxide having the formula R₄NOH;
c) the alcoholic dispersion and the aqueous dispersion are mixed and a gel is obtained;
d) ageing the gel at a temperature ranging from 10 to 40°C;
e) drying the gel; and
f) calcinating the gel.

Mailing address of sender:

Patent No. 6,803,337

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220

No. of add'l copies
@ .30 per page



Page 2 of 2